

Mill Test Certificate



Customer: JSC METALLSERVIS	Product: Cold rolled stainless steel sheet	
Purchaser: JSC METALLSERVIS	Condition of Supply: 2B;Solid solution;Pickling;C	
Specification ASTM A240M-19	Grade 304	
	Mills No. 1008003-10	
	Customer Order No. MRS2010JMS001-JMS	Certificate No. 4744955649435877
	Mark Of Manufacturer: 	Consignment No. MRS200575A
		Melting furnace EAF+AOD
		Heat Treatment Temperature Solution 1040 °C Quenching in water

No.	Material No.	Heat No.	Coil No.	Dimensions (mm)	Quantity	Weight (Kg)	
1	FA01104980F00H2	A1004242	FA0110498	1.5*1250*2500	73	2787	
2	FA01104980F00H3	A1004242	FA0110498	1.5*1250*2500	73	2787	
3	FA01104980F00H4	A1004242	FA0110498	1.5*1250*2500	73	2842	
4	FA01104980F00H6	A1004242	FA0110498	1.5*1250*2500	73	2807	
5	FA01104980F00H7	A1004242	FA0110498	1.5*1250*2500	73	2807	
6	FA01104980F00H8	A1004242	FA0110498	1.5*1250*2500	66	2533	
7	FA01106230F00H7	A1004242	FA0110623	1.5*1250*2500	73	2822	
8	FA01107560J30H1	A1004241	FA0110756	1.5*1250*2500	79	3012	
9	FA01107560J30H4	A1004241	FA0110756	1.5*1250*2500	79	3012	
10	FA01107560J30H6	A1004241	FA0110756	1.5*1250*2500	60	2279	
Acceptable Visual And Dimensions:OK					Total	722	27688

No.	Max. Min.	C% Si% Mn% P% S% Cr% Ni% N%							
		1	H	0.03	0.47	1.15	0.030	0.002	18.2
2	H	0.03	0.47	1.15	0.030	0.002	18.2	8.0	0.04
3	H	0.03	0.47	1.15	0.030	0.002	18.2	8.0	0.04
4	H	0.03	0.47	1.15	0.030	0.002	18.2	8.0	0.04
5	H	0.03	0.47	1.15	0.030	0.002	18.2	8.0	0.04
6	H	0.03	0.47	1.15	0.030	0.002	18.2	8.0	0.04
7	H	0.03	0.47	1.15	0.030	0.002	18.2	8.0	0.04
8	H	0.04	0.55	1.15	0.033	0.001	18.1	8.0	0.05
9	H	0.04	0.55	1.15	0.033	0.001	18.1	8.0	0.05
10	H	0.04	0.55	1.15	0.033	0.001	18.1	8.0	0.05

No.	P.D.	Y.S.		T.S.		EL.		Hardness	
		Rp0.2 Mpa	Rm Mpa	Rm Mpa	A50 %	HRB	HRB	HRB	HRB
		Room	Room	Room	Room	Room	Room	Room	Room
1	2	303	705	52	88.5	89	89	89	89
2	2	303	705	52	88.5	89	89	89	89
3	2	303	705	52	88.5	89	89	89	89
4	2	303	705	52	88.5	89	89	89	89
5	2	303	705	52	88.5	89	89	89	89
6	2	303	705	52	88.5	89	89	89	89
7	2	302	700	50	87	87	87	87	87
8	2	289	690	54	81	81.5	81.5	81.5	81.5
9	2	289	690	54	81	81.5	81.5	81.5	81.5
10	2	289	690	54	81	81.5	81.5	81.5	81.5

Notes: C=Cutting edge; H=Heat analysis; P=Product analysis; D=Electroslag remelting; P.D.=Position and Direction; Y.S.=Yield Strength; Room = Normal Temperature (Room Temperature); T.S.=Tensile Strength; EL=Elongation; A50:Lo=50mm; 2=横向 Transverse; Corrosion Methods: ASTM A262 E

Remarks: 1.The quality management system is in conformity with ISO9001:2015 standard and ISO14001:2015.
2.No weld repair; Free of mercury;No radiation contamination.

Issued by Manufacturer. We hereby certify that material described herein has manufactured and tested with satisfactory results in accordance with the requirements of the above material specification.

Manufacturer: SHANXI TAIGANG STAINLESS STEEL CO.,LTD.
Jiancaoping, Taiyuan, Shanxi, P.R. China. zip code 030003
After-sale Service: 800-806-1998, 400-653-1998

NAN HAI
Quality Manager



**MILL TEST CERTIFICATE
(INSPECTION CERTIFICATE)
In Accordance with EN 10204 :2004 Type 3.1**

Jindal Stainless Limited.
Jajpur, Odisha

CUSTOMER :Prime Stainless DMCC	CERTIFICATE NO. :JSL-/QA/2020-21/EXP/00037430
CITY :Dubai	DATE :11.12.2020
OA NO :32741	NET WT(MT) :61.329
SALES ORDER NO. :5009000157	COMMERCIAL INV. NO. :JS0010000023
PROFORMA INVOICE NO. :5063000363	OA DATE:20.10.2020 SO DATE:30.10.2020 DATE:04.11.2020

Material Description/Product COLD ROLLED STAINLESS STEEL SHEETS.	Material Specifications GOST 7350-77 / ASTM A240/A240M-20/ASME SA-240/SA-240M 2019 SEC. II, PART A	Process-Route EAF-AOD-LRF-CCS	Dimension Tolerance specification As per OA/PO Agreement.
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PHYSICAL DESCRIPTION

SR NO	BATCH NO	HRC/PLATE NO.	PKT/PALLET NO	WEIGHT (MT)	NO OF PCS	HEAT NO	GRADE	THK (mm)	WIDTH (mm)	LENGTH (mm)	FINISH	EDGE	QUALITY
9	FY01250207	0000622008		1.020	29	12002192	430	1.500	1,250.00	2,500	2B	TE	PRIME
10	K046445603	0000622953		3.045	50	22001101	12X18H10T	2.500	1,250.00	2,500	2B	TE	PRIME
11	K046445604	0000622953		3.107	51	22001101	12X18H10T	2.500	1,250.00	2,500	2B	TE	PRIME
12	FZ45642405	0000609994		3.265	168	12001908	12X18H10T	0.800	1,250.00	2,500	2B	TE	PRIME
13	F046726705	0000621015		2.506	85	22001175	304	1.200	1,250.00	2,500	2B	TE	PRIME
14	F046637505	0000625765		2.902	99	22001265	304	1.200	1,250.00	2,500	2B	TE	PRIME
15	F046726704	0000621015		3.031	103	22001175	304	1.200	1,250.00	2,500	2B	TE	PRIME
16	F046461908	0000623076		1.860	95	22001225	304	0.800	1,250.00	2,500	2B	TE	PRIME

CHEMICAL ANALYSIS (LADLE)

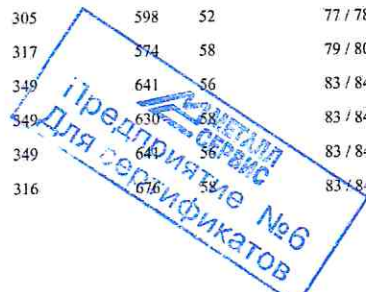
SR NO.	HEAT NO	GRADE	C%	Mn%	S%	P%	Si%	Ni%	Cr%	N%	Mo%	Cu%	Ti%	Nb/Cb%	Al%
9	12002192	430	0.053	0.62	0.002	0.036	0.22	0.17	16.24						
10	22001101	12X18H10T	0.016	1.75	0.003	0.038	0.45	9.06	17.20				0.200		
11	22001101	12X18H10T	0.016	1.75	0.003	0.038	0.45	9.06	17.20				0.200		
12	12001908	12X18H10T	0.018	1.77	0.002	0.038	0.51	9.05	17.26				0.200		
13	22001175	304	0.058	0.83	0.004	0.043	0.32	8.02	18.15	0.043					
14	22001265	304	0.058	1.02	0.004	0.043	0.28	8.06	18.15	0.038					
15	22001175	304	0.058	0.83	0.004	0.043	0.32	8.02	18.15	0.043					
16	22001225	304	0.055	0.86	0.004	0.043	0.28	8.04	18.10	0.038					

MECHANICAL PROPERTIES: SAMPLE DIRECTION - TRANSVERSE

Sr No.	Batch No.	Thk mm	Rp 0.2/ YS Mpa	Rp 1.0 Mpa	Rm/ TS Mpa	%EL A 50 mm	%EL 5.65- 50(1) mm	Hardness HRBW	Bend Test 180°
9	FY01250207	1.50	356		498	28		77 / 78	ITOK
10	K046445603	2.50	305		598	52		77 / 78	
11	K046445604	2.50	305		598	52		77 / 78	
12	FZ45642405	0.80	317		574	58		79 / 80	
13	F046726705	1.20	349		641	56		83 / 84	
14	F046637505	1.20	349		630	56		83 / 84	
15	F046726704	1.20	349		640	56		83 / 84	
16	F046461908	0.80	316		616	56		83 / 84	

ADDITIONAL INFORMATION

1)-FOR 304 GRADE: MATERIAL ANNEALED IN ACCORDANCE WITH REQUIREMENT AS LAID IN ASTM A480/A480M-20 // ASME SA-480/SA-480M 2019 SEC II, PART A "TABLE A1.2.
2)-FOR 430 GRADE: MATERIAL ANNEALED IN ACCORDANCE WITH REQUIREMENTS AS LAID IN CLAUSE NO. 15.4.1 OF ASTM A480/A480M-20 //ASME SA-480/SA-480M 2019 SEC II, PART A.
3)-FOR 12X18H10T GRADE: TGC TEST AS PER ASTM A262 PRACTICE "A" FOUND SATISFACTORY.



The material supplied under this Test Certificate is free from any radioactive contamination as checked by procedures established by Jindal Stainless Limited as per the recommendations provided by AERB.

Jindal Stainless Limited, Kalinga Nagar Industrial Complex, PO: Durgadi, Jajpur Odisha - 755026, India. TEL :+91-9078899031, FAX :+91-06726-266006 Email: QualityMTC@jindalstainless.com Format Ref: JSL OF QA-CRM-22	This is hereby certified that the material was manufactured, sampled, tested & inspected in accordance with requirements of the material specification and has been found to meet the requirements of order.	QMS:ISO 9001-2015 EMS:ISO 14001-2015 ISO 45001:2018 CERTIFIED COMPANY	Documents Digitally signed by Jindal Stainless Limited Saroj Kanta Nayak Tuesday, December 15, 2020 1:55 PM
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Certificate No. :10912150002

INSPECTION CERTIFICATE

列印日期 ISSUE DATE : 2020/12/17

客戶名稱 Customer	JSC METALLSERVIS 19, Stakhanovskaya Str., Moscow, 109428 Russian Federation					Invoice NO. : QEP918/20 PI NO. : EA20659
商品描述 Desc. Of Goods	Prime Cold/Hot Rolled Stainless Steel Sheets Slit Edge AISI 304 2B/No.1 Finish With/Without Paper Interleaved AISI 304 2B/NO.4/BA Finish With PVC On Main Side					
項目 Item	鋼捲編號 Coil No.	爐號 Heat No.	鋼種 Steel Grade	表面 Finish	產品尺寸 Thickness x Width x Length (MM)	淨重 Net Weight (KGS)
EG013	Z5426-021	B0700-3010	304	BA	0.80 x 1250 x 2500	1,786
EG014	Z5427-015	A4238-2030	304	BA	1.20 x 1250 x 2500	1,937
EG015	Z5427-016	A4238-2030	304	BA	1.20 x 1250 x 2500	1,939
EG016	Z9900-011	A4862-1010	304	BA	1.20 x 1250 x 2500	1,915
EG017	Z9900-012	A4862-1010	304	BA	1.20 x 1250 x 2500	1,917
EG018	Z9900-013	A4862-1010	304	BA	1.20 x 1250 x 2500	1,915
EG019	Z9900-014	A4862-1010	304	BA	1.20 x 1250 x 2500	1,919
EG020	Z9900-015	A4862-1010	304	BA	1.20 x 1250 x 2500	1,917

化學成份 Chemical Composition (%)

Item	C	Si	Mn	P	S	Cr	Ni	N
EG013	0.0430	0.52	1.05	0.040	0.0030	18.13	8.06	0.0610
EG014	0.0410	0.48	0.86	0.029	0.0030	18.13	8.02	0.0600
EG015	0.0410	0.48	0.86	0.029	0.0030	18.13	8.02	0.0600
EG016	0.0500	0.52	0.87	0.040	0.0030	18.13	8.08	0.0520
EG017	0.0500	0.52	0.87	0.040	0.0030	18.13	8.08	0.0520
EG018	0.0500	0.52	0.87	0.040	0.0030	18.13	8.08	0.0520
EG019	0.0500	0.52	0.87	0.040	0.0030	18.13	8.08	0.0520
EG020	0.0500	0.52	0.87	0.040	0.0030	18.13	8.08	0.0520

機械性質 Mechanical Properties

Item	T.S N/MM2	Y.S(0.2%) N/MM2	Elong A50(%)	HRBW
EG013	637	294	57.4	79.4
EG014	623	257	60.3	78.4
EG015	623	257	60.3	78.4
EG016	628	266	59.0	80.8
EG017	628	266	59.0	80.8
EG018	628	266	59.0	80.8
EG019	628	266	59.0	80.8
EG020	628	266	59.0	80.8



茲證明本表所列產品，均依材料規格製造及試驗，並符合規格之要求。

We hereby certify that the products described herein have been manufactured and tested with satisfactory results in accordance with the requirement of the above material specification.

本產品無輻射污染，並且不含汞。The material described above is free from radiation contamination and mercury.

除訂單特別註明，僅單板正面或鋼捲外側表面被視為主要表面。Unless specified on the order, the main side of sheets and plates, or the outside surface of coils and strips is considered the prime surface.

本證明書符合 EN10204/Type 3.1 認證。Inspection certificate in accordance with EN10204/Type 3.1.

本表所列產品均符合 ASTM A240 規範要求。All the above products conform to the requirements specified in ASTM A240.

Contract No.049/3849-15 dd November 20, 2015

QC Manager

David Wang